MASS.

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Gypsy moth

(SPECIFIC NAME): Lymantria dispar

HOST: Red & white Oaks.

PRESENT CONDITION:

AREA (TOTAL ACRES): 313,351

LOCATION: South-Central Mass; South Eastern Mass; Cape Cod.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

0-30 = 124,029 Light
31-60 = 64,461 Medium
61-100% = 124,811 Heavy

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

TREND:

PAST TO PRESENT: Increased from 1983

FUTURE: Expect same acreage figure for defoliation but will be in different areas than 1983

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None Known

COMMENTS: By aerial survey.

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Oak Skeletonizer

(SPECIFIC NAME): Bucculatrix ainsliella.

HOST: Principally Red Oak.

PRESENT CONDITION:

AREA (TOTAL ACRES): Unknown

LOCATION: State wide

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES): No defoliation noted by aerial survey - see comment below

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Unknown

TREND:

PAST TO PRESENT: Not observed for past several years

FUTURE: Building.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None

COMMENTS: Some light defoliation noted in fall of 1984. Appears to be building statewide.

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Fall Cankerworm

(SPECIFIC NAME): Alsophila pometaria

HOST: Hardwoods

PRESENT CONDITION:

AREA (TOTAL ACRES): 3,013

LOCATION: Dukes + Nantucket

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES): 3,013 acres of light defoliation - 0-30%

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES): Unknown

TREND:

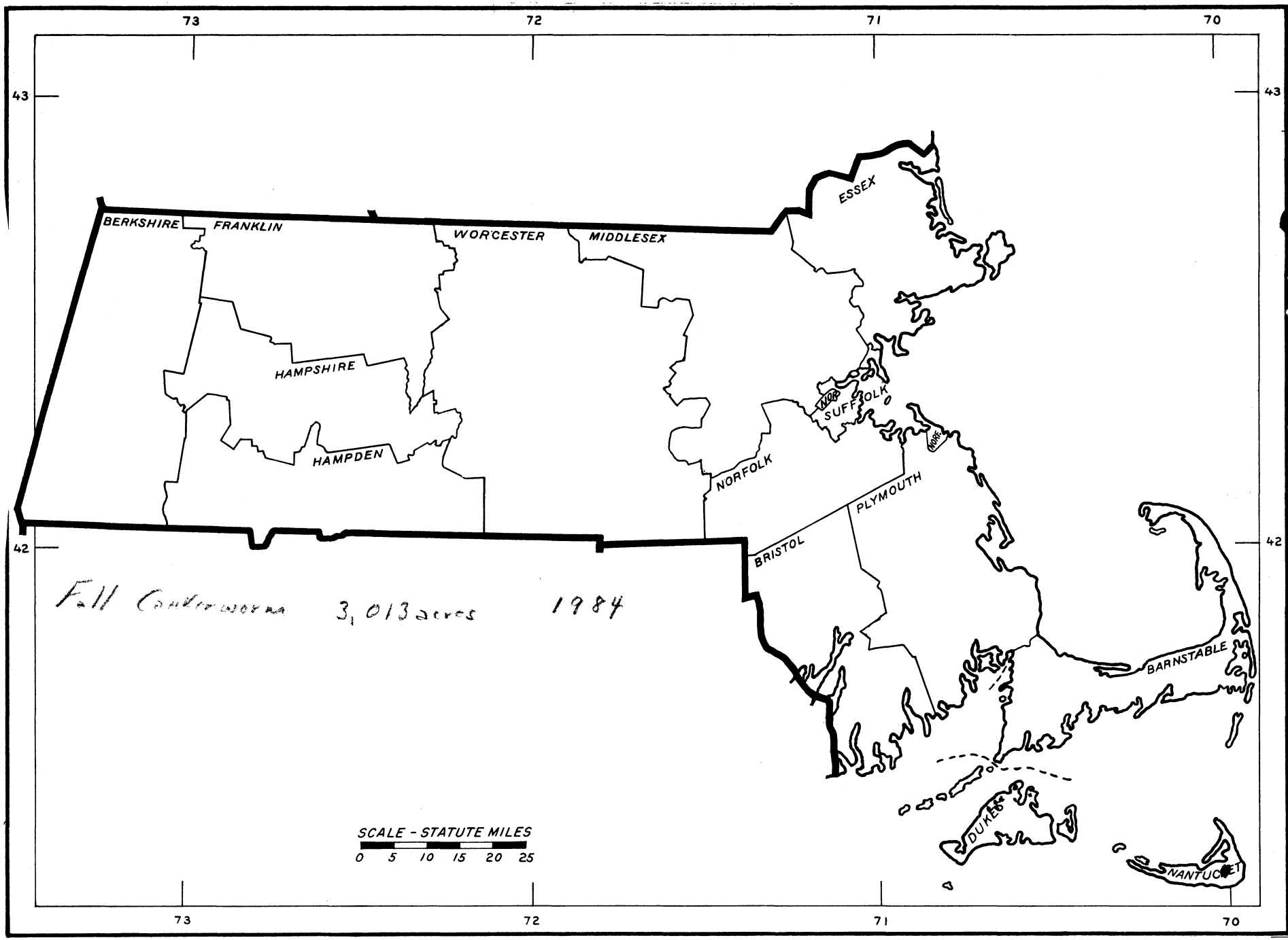
PAST TO PRESENT: Declined in 1984

FUTURE: Decline

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None Known

COMMENTS:

MASSACHUSETTS



Fall Cankerworm 3,013 acres 1984

AD - 400.19

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Oak Leaf tier - roller complex.

(SPECIFIC NAME): Croesia semipurpurana (major defoliator)

HOST: Red Oak (some damage to white oak by other members of the complex)

PRESENT CONDITION:

AREA (TOTAL ACRES): 69,363 acres

LOCATION: Southeastern Massachusetts, Norfolk and Bristol Counties.

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES):

Unknown - Gypsy moth also causing defoliation in these same areas.

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

Unknown.

TREND:

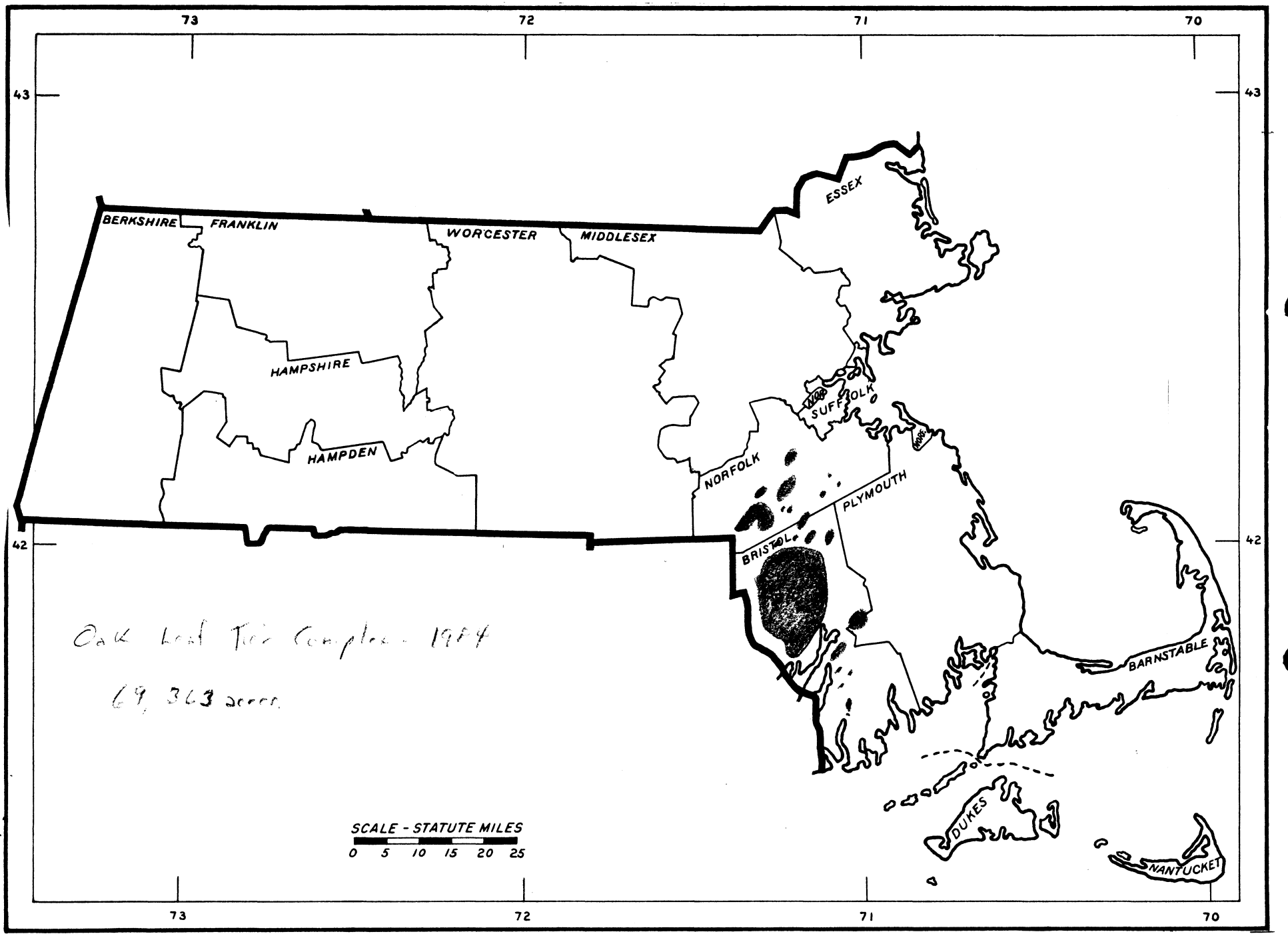
PAST TO PRESENT: Building

FUTURE: Continue to build.

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None

COMMENTS: By aerial survey.

MASSACHUSETTS



Oak Leaf Tree Complex - 1994

69,363 acres

AD - 400.19

1984 PEST CONDITIONS REPORT WORK SHEET

PEST (COMMON NAME): Pine Tip blight

(SPECIFIC NAME): Diplodia pinea

HOST: Red pine

PRESENT CONDITION:

AREA (TOTAL ACRES): Dukes County - 1320 acres

LOCATION: Island of Martha's Vineyard - Town of Edgartown

SEVERITY (INCLUDE ACRES OF MODERATE AND HEAVY DEFOLIATION OR INFECTION; DEFINE CLASSES): 1,320 acres affected,

LOSSES (INCLUDE AREAS OF TREE MORTALITY; ALSO VOLUME AND/OR $ ESTIMATES):

TREND:

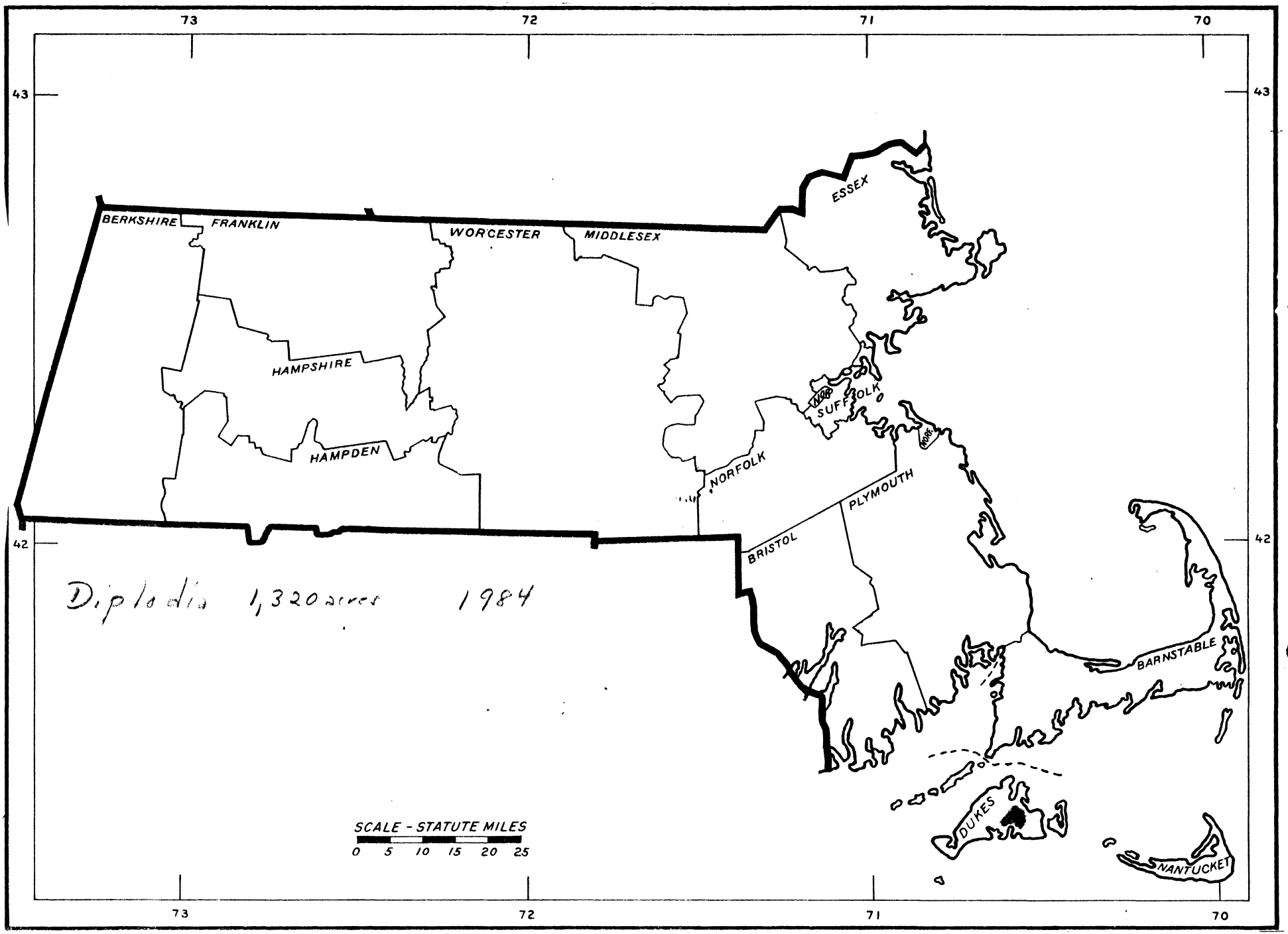
PAST TO PRESENT: Has continued to expand.

FUTURE: Stable,

CONTROL PROJECTS (METHOD, MATERIAL, ACRES, COST, RESULTS): None

COMMENTS: All red pine on the island will be infected within the next few years. By aerial survey,

MASSACHUSETTS



Diplodia 1,320 acres 1984

AD - 400.19